

THE CROSSING

Roxbury Community College

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SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH (STEM) NEWS

❖ ***Dr. Randolph W. Bromery STEM Scholars Program to Prepare Students for STEM Careers***

Roxbury Community College is a part of an exciting new STEM Scholars Program aimed at addressing the high dropout rates among African American and Latino males and other underrepresented groups in science, technology, engineering, and math. Named in honor of Dr. Randolph W. Bromery, a renowned geophysicist, esteemed higher education administrator, and Tuskegee Airman, the program is committed to nurturing interest in STEM careers at middle school and high school levels, and at Roxbury Community College, where they will be introduced to a strong STEM curriculum. Participants are also expected to move on to four-year institutions, where they will receive further preparation for STEM-related careers.

❖ ***RCC STEM Student Work Presented at Symposium***

Fatoumata Diallo, a Roxbury Community College STEM student presented her work on Bioinformatics at a poster session at the 2012 Northeast Undergraduate Research and Development Symposium (NURDS) held on March 10 and 11 at the University of New England in Maine. Fatoumata's poster was on "Analyzing the Conformational Space of Proteins Using Mathematical and Computational Tools." Last fall, Fatoumata also presented her work at the Annual Biomedical Research Conference for Minority Students (ABRCMS).

❖ ***Little Sprouts and WGBH to Bring STEM Curriculum to Classrooms***

Little Sprouts has been named a developmental partner with Boston public broadcaster WGBH on the Next Generation Preschool Math project. Little Sprouts, which has a school at RCC, and 14 other schools across the Merrimack Valley and Boston, will be administering the newly developed instructional modules in their preschool classrooms.

The research and development project addresses the acute need to develop quality early childhood mathematics curriculum. Next Generation Math is a three-year, \$3 million project funded by the National Science Foundation to develop innovative digital materials for schools.

❖ ***Professor Latif to Offer Workshop at Northeastern University Gardeners Gathering***

RCC Professor, Nasreen Latif, will be one of more than a dozen workshop presenters at the 37th Gardeners Gathering Presentation at Northeastern University, which is expected to draw some 400 gardeners. Professor Latif's presentation topic is Growing Food on College Campuses. One of the topics discussed by Professor Latif will be "the process of integrating urban gardening into college curricula as a service learning project, and its importance and benefit for the community." The event will take place on Saturday, March 31 from 11:00 a.m.-5:00 p.m. on the 3rd floor of the Curry Student Center, Northeastern university.

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❖ *Roxbury Community College Basketball Teams Soar to Playoffs*

Both RCC's Men's and Women's Basketball Teams have earned playoff spots in the National Junior College Athletic Association (NJCAA) Basketball Tournaments. The Women's team, which is ranked number 3 in the NJCAA Division III polls, will compete in the Tournament for the second consecutive year. The team departs for the Rochester Community and Technical College in Rochester, Minnesota on March 14. The 6th ranked Men's Team—all of whom are freshmen except for one member—will be carrying their National Championship hopes to Sullivan County Community College in Loch Sheldrake, NY. The Men's Team will also depart on March 14.

MARCH CALENDAR OF EVENTS

March 22

- **RCC Employee Service Awards**
6:00 p.m.
Multipurpose Room, Reggie Lewis Track & Athletic Center

March 27

- **College for a Day - Spring 2012**
Adult Basic Education students experience college classes
10:00 a.m.-1:00 p.m.
Media Arts Center
- **The Power of Peaceful Pursuits:**
What International Youth Are Doing and What Massachusetts Students Can Do
Lecture by Yvonne Vissing, PhD, Department of Sociology, Salem State College
11:45 a.m.
Faculty Lounge, Building 3, Room 424
Free to the Public, Light Refreshments

March 31

- **Getting Ready - Getting In - Getting Through:**
A College-Readiness Conference for High School and College Faculties
8:00 a.m.-12:00 p.m.
The Learning Center, Building 3, Rooms 207 & 207Q